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(21) International Application Number: PCT/CA00/00173 (22) International Filing Date: 21 February 2000 (21.02.00) (30) Priority Data: 2,261,186 19 February 1999 (19.02.99) CA (71) Applicant (for all designated States except US): THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; IRC Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA). (72) Inventor; and (75) Inventor/Applicant (for US only): SMIT, John [US/CA]; 9960 Seacastle Drive, Richmond, British Columbia V7A 4R8 (CA). (74) Agents: ROBINSON, J., Christopher et al.; Smart & Biggar, Suite 2200, 650 West Georgia Street, Box 11560, Vancouver, British Columbia V6B 4N8 (CA).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.
(54) Title: PRODUCTION OF HETEROLOGOUS POLYPEPTIDES FROM FRESHWATER CAULOBACTER		
(57) Abstract <p>A method is provided for screening <u>Caulobacter</u> suitable for use as host organisms for secretion of heterologous polypeptides. Such <u>Caulobacter</u> have a transport protein homologous to one of the type I transport proteins known in <u>C. crescentus</u>. DNA constructs are also provided which code for a chimera protein of which the C-terminus is a secretion signal of a <u>Caulobacter</u> surface layer protein, other than from <u>C. crescentus</u>. Bacterial cells containing, or which express such DNA constructs and which may secrete the resulting protein, are also provided.</p>		

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